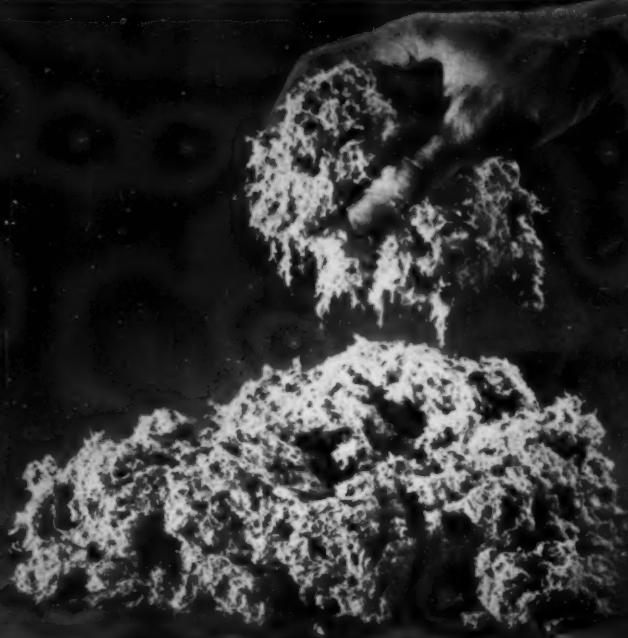


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DECEMBER 1958

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EHRET MAGNESIA MANUFACTURING COMPANY

VALLEY FORGE, PENNSYLVANIA

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FOUNDED IN JULY 1919 AND PUBLISHED
MONTHLY SINCE THAT DATE
BY SECRETARIAL SERVICE
807 WESTERN SAVING FUND BLDG.
S. E. COR. BROAD & CHESTNUT STS.
PHILADELPHIA 7, PENNSYLVANIA

Trust of C. J. STOVER, *Proprietor*
E. E. COX, *Editor*

*Entered As Second Class Matter November 23, 1923, at the Post
Office at Philadelphia, Pennsylvania, Under Act of March 3, 1879*

Volume 40

DECEMBER 1958

Number 6

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ASBESTOS is Indexed regularly by Engineering Index, Inc.

SUBSCRIPTION PRICE

United States - - - - - \$3.00 Per Year
Canada - \$4.00 Per Year Foreign Countries - \$4.00 Per Year
Back Copies - .35 Each Single Copies - (Current) .25 Each
(Payable in U. S. Funds)

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Christmas-Candlelight Day



*Christmas — winter's candle
Its rays around you spread
And cast a glow of promise
Along the days ahead
Its friendly warm and cheery light
Make all your future glad and bright.*

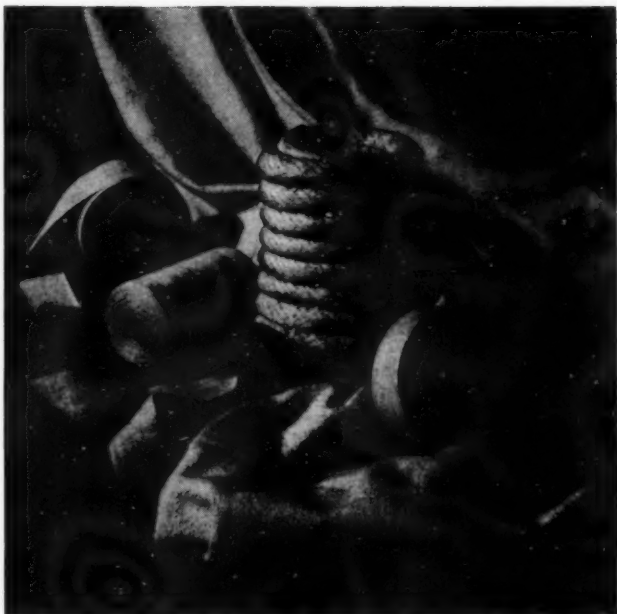
This little Christmas jingle expresses in rhyme what we would like to say in prose, but perhaps could not say as effectively.

Christmas is the day of light—it stands out in the year as the day on which business cares and responsibilities may and should be forgotten; a day on which we think of our friends, of the happiness of others, a day of pleasant and warm memories to help us in whatever tumult of sorrow or despair may be encountered in the coming year; to guide us in keeping our ship out of troubled waters, or to enhance our enjoyment of success if it favors us.

Like the candle in the window, throwing its radiance so far for such a small light, Christmas kept in joy and peace, in kindly deeds and thoughtfulness for others, will help us all year, no matter what betides us.



A Merry Christmas To All!



whatever your business . . .

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LOOKING BACKWARD

On the Happenings in the Asbestos Industry - 1958

Before beginning a new year, let us review, briefly, the events of the old one.

While much of interest has occurred during 1958, there appears to be nothing of an outstanding nature — at least on the surface of things. Perhaps, in later years, we may look back and say that the invention of some asbestos material, the discovery of some new use, the promotion of some particular individual, or perhaps a development entirely outside the Asbestos Industry during 1958 served to change the entire course of asbestos progress. However, nothing of that nature is apparent now.

This has been a year of anniversaries. Early in the year Johns-Manville observed its 100th Anniversary. The Corporation originated when H. W. Johns started out in 1858 as a jobber and manufacturer and developed the business in a New York City basement work shop. Johns-Manville has had three phases in its 100 years of existence — the period of closely held private ownership from 1858 through the 1920's, the period of widespread ownership since that time, and a third period of improvement and expansion since the end of World War II. Marking its 25th year as an organization of repair, service and improvement contractors, NERSICA celebrated its Silver Anniversary starting with the Annual Convention in Atlantic City. The Western Asbestos Company of San Francisco, Calif., celebrated its 50th Anniversary. Deutsche Asbestwerke Georgi, Reinhold & Co. celebrated their 75th Anniversary. Keasbey & Mattison Company marked its 85th year as a manufacturer of asbestos-cement and magnesia products. The Company began as a pharmaceutical house and at the turn of the century, began to expand into the insulation and asbestos-cement field; introducing the first asbestos-cement shingle ever made in America.

With the additional insulating materials now represented by the Magnesia Insulation Manufacturers Association, the name has been changed to The Magnesia-

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BRUSSELS 4,

GERMANY ERNST WERNER, Import von Rohasbest,
Katharinenstrasse 30, "Edmundhaus,"
HAMBURG 11,

Silica Insulation Manufacturers Association.

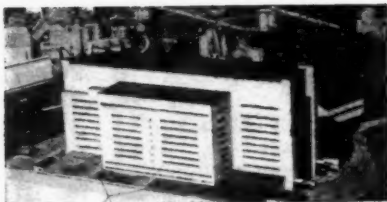
A new wing to house the asbestos research laboratory of American Smelting and Refining Company was added to the company's Central Research Laboratories, South Plainfield, N. J. Studies on asbestos to be carried out at the new laboratory include basic research on the mineral fibre's properties to applications of asbestos in products, and the development of new uses for asbestos.

American Brake Shoe Company purchased the assets of the Gaines Foundry Inc., near Los Angeles, California. The newly acquired facility produces aluminum and magnesium castings for the aircraft industry. An agreement had been reached between The Flintkote Company and The Hankins Container Company calling for a merger of the latter company into Flintkote. The Flintkote Company also purchased all the assets and business of Orangeburg Manufacturing Co., Inc. which produces bituminized fibre sewer and drain pipe and fittings, electric conduits for ground power distribution systems and underfloor duct wiring systems for office buildings, industrial structures and other type construction. Johns-Manville Corporation has proposed a merger with L-O-F Glass Fibres Company. The Cape Asbestos Company Ltd. acquired the Consolidated Blue Asbestos Corp., (Pty) Ltd., a company with blue asbestos mines in Cape Province, South Africa between Kuruman and Postmasburg.

Early in the year Nicolet Industries, Inc. opened its new building at Florham Park, New Jersey, with facilities for research and development of old and new products. The building also contains the executive offices formerly located in New York City.

This year two new companies joined the ranks of Quebec's seven asbestos producers. They are National Asbestos Mines Ltd. (a subsidiary of National Gypsum Co. of Buffalo, N. Y.) and the Lake Asbestos properties in which American Smelting & Refining Co. and the United Asbestos share.

Keasbey & Mattison Company, manufacturers of asbestos, magnesia and asphalt products announced that construction had started on its new modern laboratory



Modern equipment in the world's largest asbestos mill



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To learn why Johns-Manville is best equipped to serve your asbestos fibre needs, write Asbestos Fibre Division, Canadian Johns-Manville Co. Ltd., Box 1500, Asbestos, P. Q., Canada: Tel.—100

JOHNS-MANVILLE
100 YEARS OF QUALITY PRODUCTS...1858-1958



facility to house its research and development activities. It is also erecting a new office building. Among the highlights of the Center will be specialized rooms for thermal conductivity; controlled temperature and relative humidity rooms for simulating a wide variety of climatic and weather conditions. Completion of the project is expected in mid-summer of 1959.

Lake Asbestos of Quebec, Ltd. formally dedicated its \$36 million mine and mill at Black Lake on October 16th, 1958. Shakedown operations at the mine and mill started in late summer and the mill is now operating on a full commercial scale.

National Gypsum Company climaxed five years of intensive exploration development, design and construction with the completion of its multi-million dollar asbestos mine and mill in Thetford Mines, Quebec.

On June 20, 1958 Johns-Manville opened its first continuous process asbestos-cement pipe plant in the United States at Denison, Texas. The new Transite asbestos-cement plant is one of eight new Johns-Manville factories being brought into production in the United States and Canada during 1958, the company's 100th anniversary year. In November J-M put into operation a new factory in S. Chicago operated by the J-M Dutch Brand Division.

There were a number of changes in personnel; lesser executives were given more responsible positions, new executives were appointed and new departments created. John H. Scherer was named Vice President and Director of Marketing and Sales of Thermoid Co., succeeding Raymond F. Allen. Thomas H. Dermody was elected Vice President and Comptroller of The Ruberoid Co. He had been comptroller since 1943. Paul J. Rapp was appointed Assistant Executive Vice President, and Manager of Sales Relations for The Philip Carey Mfg. Company. The election of George J. Pecaro as President of The Flintkote Company to succeed Perce C. Rowe, who had resigned, was announced in April. At the same time George K. McKenzie was elected Executive Vice President. Johns-Manville realigned its Building Products Division as follows: W. R. Wilkinson, a Senior Vice President heads the



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Division as General Manager; J. A. O'Brien, another Senior Vice President was appointed Vice President for Sales; R. S. Hammond was appointed General Sales Manager of a new Industrial Building Products Sales Department; E. K. Clark was appointed General Sales Manager of a new Dealer Building Products Sales Departments. G. H. Martens, Jr., E. M. Fuller and F. E. Dutcher were elected Vice Presidents. The Board of Directors of The Ruberoid Co. elected E. J. O'Leary, President and Chief Executive Officer of the company. Stanley Woodward became Vice Chairman of the Board. Frederick K. Sweeney and Kenneth R. MacDonald were elected Vice President. Several management changes were announced by the Keasbey & Mattison Company. Edward J. Buczkowski and Robert A. Schneider were elected Vice Presidents; George Barge was elected a Director and Albert F. Humlhanz was elected Assistant Treasurer and appointed Controller.

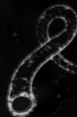
Unfortunately, some executive were lost by death, among whom we should mention the following: Nils Geoffrey Pehrson who had been the Export Sales Director of Turner Brothers, England, for the past sixteen years; O. H. Cilley, a Vice President and Director of Raybestos-Manhattan, Inc.; Harry A. King, Manager of Asbestos Fibre Sales Division of The Ruberoid Co.; Edwin S. Crosby, retired President of the Johns-Manville International Corp. of New York City; Dr. Oliver Bowles, an expert in the field of non-metallic minerals, who until his retirement in 1947 served as chief of the non-metal economics division of the Bureau of Mines; Frank R. Anderson, a retired Vice President of the Sall Mountain Company; and John J. Flood, Sr., a Director and Consultant of The Ruberoid Co.

As to new products: Johns-Manville Corporation disclosed it is supplying the Government with quantities of a new insulation material which is being used in at least one operational missile. The new insulating material called Min-K, is a non-metallic, inorganic material composed of silica, asbestos "and other materials". Conventional aircraft insulation is made up of ceramic fibres which "do not insulate well enough". Min-K could do the job of ceramic fibres "twice as well". A new fireproof insula-

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to meet your specifications...*

for weaving
into cloth

for braiding
into tubing



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and tapes. They are also braided into tubing of the better class. Other uses include cores and wrappings for electrical resistance wires; packaging for flexible tubing; wire wiping in galvanizing plants and fireproofing electrical cables. For more information, write for brochure TX-2A. Johns-Manville, Box 14, New York 16, N. Y. In Canada, Port Credit, Ont.



Johns-Manville ASBESTOS TEXTILES

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tion board was announced by The Universal Asbestos Manufacturing Co., Ltd. Known as "Ubesto", it was introduced in the U.A.M. Group stand at the Thermal Insulation Exhibition, held in April. "Ubesto" is an entirely incombustible panelling board. It is grouped in Class 1 under B.S. 476, 1953, and has a high degree of resistance to direct flame impingement. Three new core boards designed to meet practically any specification required in sandwich panel construction have been developed by the Armstrong Cork Company of Lancaster, Pa. They include Minacore, an incombustible mineral fibre core board with good thermal insulating value, structural strength and moisture resistance; Armalite, an extremely lightweight expanded polystyrene board; and Temlok, a low-cost wood fibreboard which has high strength, good insulating efficiency and good moisture resistance. Ehret Magnesia Mfg. Company broadened its product line by the addition of glass fibre insulation for heating and air conditioning applications. The new insulation, known as Therma-K was produced in three convenient forms: Pipe Cover, Duct Liner and Exterior Duct and Equipment Insulation. A new fissured design in lay-in acoustical ceiling units was introduced by Armstrong Cork Company. Called Armstrong Fissured Minaboard, the panels are incombustible and are designed for use in exposed-grid ceiling installations.

Installation of asbestos-cement gravity sewer systems has been greatly simplified through the use of one-piece "TEE" and "WYE" socketed fittings developed and placed on the market by Keasbey & Mattison Co. Available in a variety of sizes, the new fittings materially hasten pipe laying by providing two socket ends into which the main sewer trunk can be easily inserted using K & M's exclusive FLUIDTITE gaskets. Sanitary engineers planning gravity sewer systems in growing metropolitan and suburban areas can achieve maximum flexibility in design by using Keasbey & Mattisons new asbestos-cement manhole pipe stubs recently placed on the market. Comple-

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ASBESTOS FIBRE DIVISION

Nicolet Avenue

Florham Park*, New Jersey

***Suburb of New York City.**

menting its line of asbestos-cement building sewer fittings, the Pipe Division of K & M introduced two additional fittings; a Running Trap with Hand Hole and a "Double WYE".

Of the number of publications issued we would like to mention the following: A panel construction method for covering industrial and commercial buildings is described in a new folder, "Thermo-Wall Construction" available from The Philip Carey Mfg. Company of Cincinnati, Ohio. New rotary air compressors are described and illustrated in a brochure published by the Kellogg Division of American Brake Shoe Company. Cape Asbestos Building Products Limited, one of the Cape Asbestos group of companies issued a very attractive Bulletin (J-850) on Asbestolux. This Bulletin contains information of uses, special information for architects, notes for contractors and photographs. Johns-Manville Corporation issued a very attractive and instructive four-page pamphlet entitled "Johns-Manville Asbestos Papers". This pamphlet contains descriptions of the various asbestos papers, uses, tables and illustrations. An excellent packing handbook which details a wide variety of packings, gaskets and seals and their materials of construction and uses, has been published by The Garlock Packing Company of Palmyra, N. Y. Designated #AD-162, the handbook contains a detailed table listing the effect of numerous gases, liquids and solvents on packing materials from metals to synthetics to leather. A manual on the application of flat Asbestos-Cement Sheets was published by the Asbestos-Cement Products Association. This was the first ever issued specifically on flat sheet application presenting in one concise booklet a detailed guide on the application, cutting, handling and storing of flat Asbestos-Cement Sheets.

The HEATING, VENTILATING & AIR-CONDITIONING GUIDE 1958, containing a 1272 page Technical Data Section and a 503 page Catalog Data Section was the 36th

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and largest annual edition published by the American Society of Heating and Air-Conditioning Engineers. Ehret Magnesite Mfg. Company announced the availability of a new catalog, No. 12-C, which gives detailed descriptions of Ehret Thermalite 85% Magnesite Insulation and Ehret Thermaasil calcium silicate insulation. A manual on the painting of Asbestos-Cement products was published by the Asbestos-Cement Products and the National Paint, Varnish and Lacquer Associations. The role of asbestos-cement structural sheets in fast, easy modern home construction is graphically illustrated in a new folder (BM-214) published by Keasbey & Mattison Company. The same company also announced a new system of engineering classifications for its asbestos-cement gravity sewer pipe in folder, AP-19. Savings in labor, time and waste are detailed in folder AP-18, describing its asbestos-cement air-duct issued by the same company. The American Society for Testing Materials announced the publication of its 1957 ASTM Proceedings, Volume 57. The 1430-page volume, recording the technical accomplishments of the year, includes reports and papers together with discussion offered to the Society during the year and accepted for the Proceedings. "Rocksil Rock Wool for Heat & Cold Insulation in Industry" is the title of a new 24-page illustrated booklet issued by the manufacturer of "Rocksil", The Cape Asbestos Company, Ltd. "Talks About Canada", in pamphlet form, is the first of a year-long series being presented by Johnson's Company, Ltd., Thetford Mines, P. Q., Canada, with the hope that its customers all over the world will enjoy learning a little more about both the country and the company to which they look for much of their asbestos fibre.

So reads the record. And as we are entering 1959 it is quite likely that the next twelve months will show just as much progress as 1958 — all of which we shall most faithfully record.

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THE 1958-59 CONSTRUCTION PICTURE AS J-M SEES IT AT YEAR-END

An industry study made public recently indicates that construction in the United States in 1959 will probably pass the \$70 billions level for the first time in history.

New construction alone will almost certainly exceed \$50 billions and could possibly reach \$52 billions, according to W. R. Wilkinson, Vice President of Johns-Manville Corporation, manufacturer of building materials and industrial products.

Current estimates indicate an additional \$20 billions will be spent in 1959 on modernization, remodeling, maintenance and repair of existing structures, Mr. Wilkinson said. In his capacity of General Manager of the J-M Building Products Division, Mr. Wilkinson maintains continuing contacts with architects, industrial construction engineers and building materials dealers all over the United States.

The final figures, he said, will depend somewhat on the ease of getting mortgage money. His view is that as long as our present economic recovery continues at its not-too-rapid pace, and does not compel the Federal Reserve to step hard on the money brakes to retard inflation, sufficient funds should be forthcoming to assure a \$70 billions year, or better.

The quick response of housing to the easing of mortgage rates earlier this year, the continued low vacancy rate, increasing numbers in the marriage-age population after a 10-year decline, and a continually increasing volume of demolition of old structures as a result of the stepped-up national highway program, have now combined to create an annual need in excess of 1,200,000 new dwellings.

The construction industry proved to be a tower of strength in a year of business adversity and without question was the biggest single prop that shored up the national economy in the recession year of 1958.

New construction of all types put in place in 1958 totalled \$49.25 billions exceeding the \$48.5 billions erected in 1957 by about 1.5 percent.



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In spite of the recession, almost 19,000 more new dwellings were built in 1958 than in 1957. After a low first quarter in 1958, construction volume rapidly recovered and in September and October new homes were being started at an annual rate close to 1,300,000 a year. Total new starts for 1958 actually will be close to 1,160,000 when final figures are tabulated, compared with 1,041,000 started in 1957.

Three big sectors of the construction industry — residential, highway and utility — will account for about 62 percent of all new construction expenditures in 1959, present studies reveal. Only two categories — commercial building and industrial construction — appear likely to show a decrease in 1959. Almost all other types of construction indicate substantial gains with increases ranging as high as 17.2 percent, much more than off-setting the lagging sectors.

Information compiled by Johns-Manville to date indicates that the number of new homes to be built in 1959 will come fairly close to 1,200,000, compared with about 1,160,000 in 1958, up about 40,000 new homes.

Highway construction has become an enormous business. Early estimates for 1959 show that \$6.8 billions will be spent for new roads. This is an increase of about 17.2 percent over 1958, and four and a half times the annual amount spent on highway construction as recently as 1947.

Utility construction in 1959 may exceed the \$6 billion mark it reached in 1958, according to preliminary reports assembled by Johns-Manville.

Public and private educational construction, with schools bursting at the seams with increasing floods of new school children, is expected to reach 3.7 billions in 1959, up 7.2 percent from 1958 and $1\frac{1}{2}$ times the dollar volume of 1947. This class of construction still has great growth ahead.

Commercial construction will reach \$3.45 billions in 1959, off 1.4 percent from 1958 when it reached about \$3.5 billions. Effects of the recession and excessive building of shopping centers in some areas are still being felt in this category. Construction rate of new office buildings, however, is expected to stay at the 1958 level.

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Construction of military facilities is expected to jump 8.7 percent over the \$1.15 billions of 1958 to reach \$1.25 billion in 1959.

The additional \$20 billions of modernization, remodeling, maintenance and repair of existing structures, which seems fairly well assured, will push the grand total of all types of 1959 construction to well over the \$70 billions mark.

"INORGANIC FIBRES"

By C. Z. CARROLL-PORCZYNSKI

The above book, reviewed in August 1958, "ASBESTOS" (page 10), is now off the press.

The price is \$11.00 per copy, plus postage, and can be ordered from Academic Press, Inc., 111 Fifth Avenue, New York 3, N. Y.

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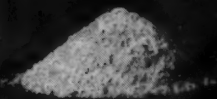
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MARKET CONDITIONS

GENERAL BUSINESS

The general recovery in business has continued in most lines through the past month. At several important conferences recently, the opinion of an overwhelming majority of economists was that business would continue to improve through 1959. It is felt that recovery of many significant indices of more than 50 percent of their losses during the recession offers assurance that recovery will continue until old peaks have been reached or surpassed.

There are still unsettling factors in the international situation which could reverse the trend. However, despite temporary setbacks, such as a drop in steel output the week before this was written, and the possibility of a technical reaction in the stock market, things are looking very good for the balance of this year and well into 1959.

ASBESTOS—RAW MATERIAL

Shipments of asbestos fibre for November were expected to exceed the October rate.

The increase is not only attributed to foreign shipments prior to the close of navigation, but also to a slight pick-up in the domestic market.

ASBESTOS—MANUFACTURED GOODS

Asbestos Textiles. A slight improvement has been experienced in this market in recent weeks and it is believed that bookings should continue at approximately the present level. Demand continues to be substantially below production.

Asbestos Brake Lining. This market is still running ahead of last year by 5 to 10%, with somewhat firmer prices. Equipment business should boom since local strikes are now settled and favorable reception of the new models by the public.

Asbesto Paper. Demand is picking up slightly although capacity to produce still far exceeds the market requirements. For the next twelve months a very gradual increase in the demand for Paper is expected. The demand for *Milboard* seems to be a little better than it has been recently and there is not likely to be any change of

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**F. C. Huyck & Sons,
Rensselaer, N. Y.; Aliceville, Ala.; Peterborough, N. H.**

**In Canada: Kenwood Mills Ltd.,
Amprior, Ontario**

consequence in rate of sales. At present the demand for *Saturated Paper* has increased but production still exceeds demand. It is expected to fall off for the balance of this year and the first quarter of next year due to weather conditions.

High Pressure Insulation. Demand for this material is at a low ebb, with the result that very few orders are being booked. Competition on both f. o. b. sales and contract work is the most severe experienced in years.

Low Pressure Insulation. Orders for this material have slowed up quite noticeably and the volume for this type of insulation will be somewhat under 1957.

Asbestos Cement Products. Conditions for this material have not changed — seasonally strong.

For *Roofing & Siding*, October was a very good month compared to last year. November has held up unusually well, no doubt, due to good weather.

Orders for *A-C Pipes* continue to be booked at a satisfactory basis; however, the time is approaching when seasonal decline is to be expected.

The above comments have been made by various informed executives in the industry. All comments are welcome.

New fire ratings have been announced by Keasbey & Mattison Company, Ambler, Pa., for SPRAYED "LIMPET" ASBESTOS, when applied to cellular steel floors, beams and columns. These new ratings, it is reported by K & M, have received the formal approval of the Underwriters' Laboratories.

Cellular steel floors protected with the asbestos fibre now boasts of four hours while steel beams, similarly protected, also claim the four hour rating. Steel columns, depending upon the thickness of the asbestos coating, are now rated at two, three and five hours.

The tests, resulting in the new ratings, were conducted in strict accordance with ASTM Specification E-119-55 and under the observation of a representative of the Underwriters' Laboratories. There were two separate tests during which the SPRAYED "LIMPET" ASBESTOS was subjected to gas flames (which reached 2000° F. at the end of four hours.

QUALITY-CONTROLLED...



Flintkote's modern research center at Whippany, New Jersey provides the facilities and technical know-how to determine the right fibres for diversified product uses.

...FLINTKOTE Asbestos Fibres

You, too, can gain from experience. The Flintkote Company stresses quality—has manufactured quality products for over fifty years—uses quality-controlled asbestos fibres produced by Flintkote Mines in many of its products.

A wide variety of asbestos fibres now available for *your* use.

For further information and descriptive brochure—Write: The Flintkote Company, East Rutherford, New Jersey.

FLINTKOTE MINES, LIMITED

(Subsidiary of The Flintkote Company) Thetford Mines, P. Q., Canada



AUTOMOBILE FACTS AND FIGURES

Dramatic proof of the automotive industry's contribution to the nation's tremendous growth since World War II can be found in almost every chart and table of the new edition of **AUTOMOBILE FACTS AND FIGURES**, just issued by the Automobile Manufacturers Association.

The 38th edition of the industry's official statistical handbook shows that the number of automobiles in use has more than tripled since 1941 in two states and more than doubled in 19 states.

The report also shows that eight states have half of all passenger car registrations in the U. S. California leads the nation, followed by New York, Pennsylvania, Ohio, Texas, Illinois, Michigan and New Jersey.

In more than 70 pages of charts and tables, the publication carries a wide range of automotive information, including the following highlights:

Sixty-eight per cent of all people employed in the U. S. drive to work in an automobile.

Over 79 million licensed drivers, of which 40 per cent were women, drive an average of 8,070 miles annually for a record total of 643 billion miles.

Of all intercity travel, 88 per cent was done by automobiles. Special taxes on highway uses reached a new high of \$8.8 billion. Of each new car dollar, 24 cents goes to taxes.

Almost three out of every four new cars sold were for replacement of the 4,250,000 used cars scrapped last year. In addition, 625,000 trucks and buses were scrapped in the same period.

Repayments on automobile installment loans have exceeded new credit extensions in 1958 for the first time in more than three years.

Nearly three-quarters of all U. S. households have at least one automobile, and one of every eight families have two or more cars.



Now . . .

starting from the usual

WET ASBESTOS-CEMENT SHEET

A NEWLY-DEVELOPED LINE OF MACHINERY

(Patents Marchioli & Gremigni)

for manufacturing



FITTINGS

**OF EVERY SHAPE
AND DIMENSION**



- TOUGH**
- RESILIENT**
- COMPACT**
- WATERPROOF**

PLANTS ALREADY IN OPERATION IN OUTSTANDING FACTORIES

*Inquiries for Details, Quotations and References are
welcome.*

ING. G. MARCHIOLI
22 Morgagni, Milan, Italy

Cable: MINITA—MILANO

Phone: 26 67 27

BUILDING

Sparked by large increases in housing and heavy engineering, construction contracts in October rose to a new record for the month, 27 per cent ahead of October, 1957, F. W. Dodge Corporation announced.

Dodge vice president and economist Dr. George Cline Smith reported that October was the sixth successive month in which contracts have set new monthly records, and that the six months together were by far the highest such period in history.

October contracts in the United States totalled \$3,309,024,000, and Dr. Smith said this was the first time any October had passed the \$3 billion mark.

The biggest increase over last year, in dollar terms, occurred in residential contracts. These totalled \$1,595,041,000 in October, up \$430,000,000, or 37 per cent, above October, 1957. Most of this dollar increase occurred in single family homes, although the percentage increases in apartment building contracts was much greater.

Dwelling units put under contract in October totalled 123,553, up 38 per cent from a year ago. Here, again, Dr. Smith reported, single family homes accounted for the bulk of the increase, but apartment units increased much more sharply in percentage terms.

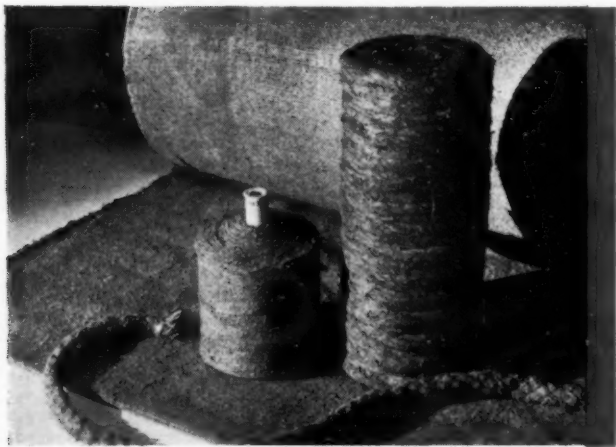
Contracts for non-residential building in October were \$954,793,000, up 5 per cent from October, 1957. The principal increases occurred in commercial buildings, public buildings, churches, and social and recreational buildings; these were partially offset by declines in other groups, with the sharpest decrease in manufacturing buildings.

Cumulative totals for the first ten months of 1958, with percentage changes from the corresponding period of 1957, are as follows: Non-residential building, \$9,452,320,000, down 3 per cent; residential building, \$12,534,797,000, up 10 per cent; heavy engineering, \$8,292,729,000, up 23 per cent; total construction, \$30,279,846,000, up 9 per cent.

NORAMITE

... Crocidolite and Amosite Asbestos Products for Reinforcement of Plastics

Noramite identifies a group of new products which greatly extend the range of properties normally available in reinforcing fibers. Noramite products, all based on Amosite or Crocidolite asbestos, include prepared fibers, rovings, ropes and fabrics. Greater chemical resistance, higher moduli, and greater heat resistance are among the principal advantages of Noramite products.



In the United States

NORTH AMERICAN ASBESTOS CORPORATION
Board of Trade Building • Chicago 4, Illinois



In Canada

CAPE ASBESTOS (CANADA) LIMITED
200 Bloor Street East • Toronto, Ontario

Subsidiaries of The Cape Asbestos Company, Ltd., London

PRODUCTION STATISTICS

Canada

(Department of Mines, Province of Quebec)

Tons 2,000 lbs.

Production for September 1958 (Quebec) was 84,391 tons, compared with 131,949 tons in 1957.

Africa (Rhodesia)

(Published by Rhodesia Chamber of Mines)

Tons 2,000 lbs.

Production for July 1958	10,637.88 tons
Valued at	£699,078
Production for July 1957	10,482.85
Valued at	£722,933

Union of South Africa

(Quarterly Information Report — Dept. of Mines)

Tons 2,000 lbs.

	2nd Quarter (Apr., May & June 1958)					
	Production Tons	Local Sales Tons Value		Exports Tons Value		
Amosite	17,217	1,335	£ 28,327	14,770	£ 696,562	
Anthophyllite						
Chrysotile	6,565	685	24,032	6,549	389,470	
Cape Blue	16,069	1,113	64,996	16,408	1,240,526	
Transvaal Blue	4,465	55	3,610	3,954	288,681	
Tremolite	86	95	1,632	1½	21	
	44,402	3,283	£122,597	41,682½	£2,615,260	

Cyprus

(From Inspector of Mines)

		3rd Quarter (Ending Sept. 30, 1958)		
		July	August	September
Rock Mined		303,587	253,887	215,073
Rock Treated		82,483	91,045	85,226
Fibre Produced		1,878	2,348	2,205
Fibre Exported		879	3,042	2,315

Australian Statistics

(Published by Bureau of Mineral Resources
Department of National Development)

Tons 2,000 lbs.

Quarter Ending
March 31, 1958

Production

Chrysotile	160
Crocidolite	8

168

Imports

Amosite	2,579
Chrysotile	4,643
Crocidolite	197
Other	209

7,628

Exports

Crocidolite	2,962
Other	71

3,033

ASBESTOS FIBRES

ASBESTOS WASTE

Frank G. Ruggles Co. Inc.

26 BROADWAY

NEW YORK 4, NEW YORK

Complete Plants for making

ASBESTOS CEMENT PIPES

Socketed and Non-socketed
Precision Steel Mandrels

Plants for Making Sheets, Autoclaves for Steam Hardening

Plants designed, equipped and financed.

ASBESTOS CEMENT ENGINEERING CO.

Hauptstrasse 26

VADUZ-LIECHTENSTEIN (Switzerland)

P. O. Box 34.849

IMPORTS AND EXPORTS

Imports Into U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	July 1958 Tons (2240 lbs.)
From: Canada	43,260
Union of S. Africa	3,199
Australia	356
Rhodesia (Ny)	970
United Kingdom	50
Other Countries	97

48,485

Valued at \$4,651,469

By Grades:

Crude No. 1, Chrysotile	2
Crude No. 2, Chrysotile	6
Crude, Other, Chrysotile, Canada	107
Crude, Other, Chrysotile, Yugoslavia	553
Crude, Other, Chrysotile, U. of S. Africa	175
Crude, Other, Chrysotile, Rhodesia (Ny)	518
Crude, Blue, Australia	356
Crude, Blue, U. of S. Africa	1,709
Crude, Blue, Rhodesia (Ny)	189
Crude, Amosite, U. of S. Africa	1,315
Crude, Amosite, Other Countries	35
Textile Fibres, Chrysotile, Canada	1,179
Textile Fibres, Chrysotile, Other Ctys.	10
Shingle Fibres, Chrysotile, Canada	3,697
Paper Fibres, Chrysotile, Canada	4,056
Other Fibres, Chrysotile, Canada	34,221
Other Fibres, Chrysotile, United Kingdom ...	50
Other Fibres, Chrysotile, Rhodesia (Ny)	263
Other Fibres, Chrysotile, Other Ctys.	44

48,485

Manufactured Asbestos Goods:

	July 1958 Quantity (lbs.)	Value
Asbestos Yarn	6,584	\$ 3,841
Asbestos Packing	9,575	3,622
Asbestos Shingles (Impreg.)	54,810	6,300

look to

UNARCO

for
INSULATIONS!

UNARCO UNIBESTOS, the Amosite Asbestos
Pipe Covering and Block

UNARCO Calcium Silicate Pipe Covering and Block

UNARCO 85% Magnesia Pipe Covering and Block

UNARCO Mineral Fiber Block

UNARCO Slip-On Insulation

UNARCO Wrap-On Insulation

UNARCO Lace-On Insulation

UNARCO Turbine Blankets

UNARCO Specially Fabricated Insulations

UNARCO Insulating and Finishing Cements

UNARCO Protective Mastic Coatings

UNARCO Asbestos Textiles

UNARCO Packing and Gasketing

UNARCO

Complete Information Supplied on Request

UNION ASBESTOS & RUBBER COMPANY

1111 W. Perry Street, Bloomington, Illinois

Over 30 years of specialization in quality asbestos products

Asbestos Shingles (Not Impreg.)		
Belgium	425,125	33,420
Italy	1,334,167	54,618
Other Countries	233,449	14,878
Asbestos Manufactures — Others .....	.....	3,087
	<hr/> 2,063,710	<hr/> \$119,766

Exports from U. S. A.

(Figures by Bureau of Census)

Unmanufactured Asbestos:

	August 1958	
	Tons (2240 lbs.)	Value
To: Europe	58	\$ 5,568
Mexico	35	5,680
South America	53	5,511
United Kingdom	4	600
Other Countries	43	6,905
	<hr/> 193	<hr/> \$24,264

Manufactured Asbestos Goods:

	August 1958	
	Quantity	Value
Asbestos Cement & Pipe Covering ....Lbs.	629,821	\$ 76,872
Asbestos Textiles & Yarn	74,882	80,637
Asbestos Packings	113,477	168,923
Asbestos Clutch Facings	No. 74,999	64,534
Asb. Bk. Lng. (Mld. & S. Mld.) Lin. Ft.	54,079	22,339
Asbestos Brake Lining, Other	Lbs. 384,013	331,516
Asbestos Construction Materials ....Lbs.	3,058,932	320,785
Asbestos Manufactures — Others .....	.....	62,259
	<hr/> 3,790,203	<hr/> \$1,127,865

Imports of Asbestos by United Kingdom

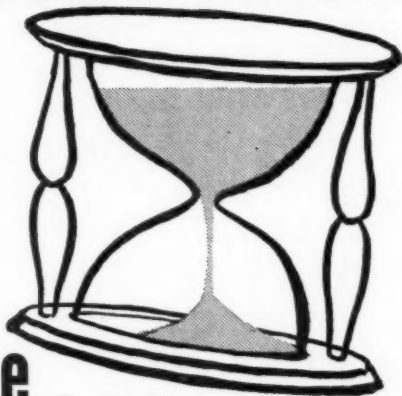
Raw Materials

Tons 2,240 lbs.

	September 1958	
	Quantity	Value
From: Union of South Africa	2,333	
Basutoland, Bechuanaland & Swaziland	859	
Rhodesia & Nyasaland	2,606	
Canada	5,396	
Other Commonwealth Countries	621	
Foreign Countries	153	
	<hr/> 11,910	

DURASORB FELTS

give
longer
life
because . . .



Their special needled construction is combined with the finest wool and synthetic blends available. This combination gives Durasorb Felts extra strength and durability to make them last longer on your machines.

This is just one of the many reasons why Durasorb Felts are ideal for asbestos-cement shingles, siding and sheets. Other Durasorb features include increased drainage, finish, stability and uniformity. Ask your Albany Felt Sales Engineer for more information.



ALBANY
FELT COMPANY

Main Office & Plant, Albany, N. Y.
Other plants: Hoosick Falls, N. Y., N. Monmouth, Me.
St. Stephens, S. C., Cowansville, P.O.

Exports from Canada

(Published by Dominion Bureau of Statistics)

Unmanufactured Asbestos-

		August 1958	
		Tons (2000 lbs.)	Value
<i>Crude</i>			
United States	44	\$	34,810
United Kingdom .....	.....		.....
South America .....	.....		.....
Central America & Mexico .....	.....		.....
European Countries	1		798
Other Countries .....	.....		.....
	45	\$	35,608
<i>Milled</i>			
United States	20,994	\$	3,557,145
United Kingdom	2,606		559,250
South America	1,469		264,696
Central America & Mexico	770		163,388
European Countries	7,040		1,457,736
Other Countries	3,923		620,515
	36,802		\$6,722,730
<i>Shorts</i>			
United States	42,518	\$	2,205,709
United Kingdom	3,237		179,683
South America	650		54,223
Central America & Mexico	166		10,623
European Countries	3,276		163,363
Other Countries	1,369		100,228
	51,216		\$2,713,829
<i>Grand Total — Unmanufactured</i>			
<i>Asbestos:</i>	88,063		\$9,472,167
<i>Manufactured Asbestos Goods:</i>			
Brake Lining		\$	16,119
Packing			44,789
Other Materials			
		\$	60,908

WILHELM BURGDORF

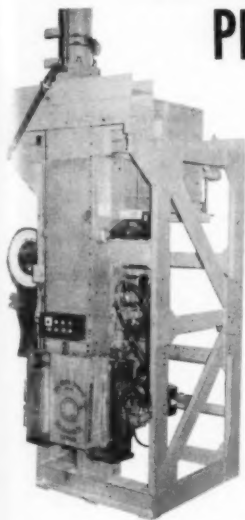
Importer of Raw Asbestos

P. O. Box 1131, BREMEN, GERMANY

CUT PACKING COSTS

WITH

THE VERSATILE UNION PRESSURE PACKER



**ONE STANDARD
MACHINE
PACKS 100 lbs.
ALL GRADES
of
ASBESTOS
in
JUTE or PAPER
BAGS**

Manufactured Exclusively by
LYNN, MACLEOD ENGINEERING SUPPLIES, LTD.
MINING AND ENGINEERING REQUIREMENTS
THETFORD MINES, QUEBEC, CANADA

BRANCHES

THREE RIVERS • MONTREAL • SHERBROOKE • CORNWALL, ONT.

NEWS OF THE INDUSTRY

HAPPY BIRTHDAY

- Victor H. Barr, Secretary-Treasurer, MacArthur Co., St. Paul, Minn., December 16.
- Alvin Brown, Vice President for Finance, Johns-Manville Corporation, New York City, December 17.
- F. M. L. Olsen, Secretary, The Cape Asbestos Co. Ltd., London, England, December 18.
- George J. Pecaro, President, The Flintkote Co., New York City, December 20.
- Harry C. Redstone, Secretary, Asbestos Distributors, Inc., Port Chester, N. Y., December 20.
- Edwin E. Hokin, President & Chief Executive Officer, Union Asbestos & Rubber Co., Chicago, Ill., December 21.
- George N. Clark, Clark Asbestos Company, Cleveland, Ohio, December 22.
- Robert L. Clark, Treasurer & Chairman of the Board, Clark Asbestos Co., Cleveland, Ohio, December 22.
- Al Kevelson, Ace Asbestos Mfg. Company, Jersey City, N. J., December 24.
- Jacob P. Epstein, President, Empire Asbestos Products Inc., Glendale, L. I., December 25.
- Joseph J. Kelley, Secretary-Treasurer, Western Asbestos Co., San Francisco, Calif., December 25.
- Amor P. Smith, Vice President & Secretary, Russell Mfg. Co., Middletown, Conn., December 25.
- Matthew J. Fitzgerald, President, Standard Asbestos Mfg. Company, Chicago, Ill., December 27.
- E. E. Tanguy, District Manager, Armstrong Cork Company, Baltimore, Md., December 28.
- Arthur H. Velleman, President, Ovimpex Inc., New York City, December 28.
- Fred A. Mett, President, Powhatan Mining Corporation, Baltimore, Md., December 29.
- P. S. Nash, Vice President, Union Asbestos & Rubber Company, Chicago, Ill., December 31.
- Robert G. Beldam, Managing Director, Beldam Asbestos Co., Hounslow, England, January 3.
- Dwight H. Ruh, General Sales Manager, Sall Mountain Division, Nicolet Industries, Inc., Hamilton, Ohio, January 3.
- A. C. M. Cornish-Bowden, Joint Managing Director, The Cape Asbestos Co. Ltd., London, England, January 4.
- S. D. H. Pollen, Director, The Cape Asbestos Co. Ltd., London, England, January 4.
- Harold O. Weise, Vice President, Tilo Roofing Co., Stratford, Conn., January 4.
- William L. Keady, President, Pabco Insulation Division, Fibre-

- board Paper Products Corporation, San Francisco, Calif., January 5.
- Rupert St.G. Riley, Director, The Cape Asbestos Company, London, England, January 6.
- James B. Anchors, Vice President & General Sales Manager, Kelley Asbestos Products Co., Kansas City, Mo., January 7.
- J. C. Kelleher, Sales Manager, Asbestos Fibre Division, Canadian Johns-Manville Co., Ltd., Asbestos, Canada, January 10.
- R. H. Chase, Products and Production Devices Co., Atherton, Calif., January 11.
- T. Muir Warden, Director, The Cape Asbestos Co. Ltd., London, England, January 15.

To all these gentlemen we extend best wishes and congratulations on the occasion of their birthdays.

FIBREBOARD PAPER PRODUCTS CORP.

Appointment of *Joseph P. Verdoia* as district credit manager for "Pabco" building materials and paint, Southern District, Fibreboard Paper Products Corporation has been announced.

Mr. Verdoia's accounting career with Fibreboard has included service in a variety of posts in the San Francisco accounting department. Prior to his new appointment, he was division controller for the "Pabco" brand divisions. He will headquarter at the Southern District offices in South Gate, Calif.

Succeeding Mr. Verdoia as division controller of the "Pabco" divisions is *F. J. Mahoney*. Mr. Mahoney's seven years' experience with Fibreboard has been obtained in accounting, auditing and office management. He had been service superintendent, Emeryville Paint Plant. He will headquarter in San Francisco.

FIBREBOARD PAPER PRODUCTS CORP.

Third Quarter Report

Fibreboard Paper Products Corporation earned \$1,720,333 or \$1.04 per common share in the third quarter of 1958, compared with net earnings of \$1,382,549 or 84c per common share for the same period 1957.

Sales for the third quarter were \$31,821,198. Sales for the comparable quarter of 1957 were \$35,365,707, including \$1,784,473 of sales of Fibreboard Products (Eastern Division) Inc., a wholly-owned subsidiary sold in December 1957.

For the first nine months of 1958 earnings were \$3,771,564 or \$2.28 per common share and sales were \$85,993,804. During the nine months ending September 30, 1957, earnings were \$3,343,704 or \$2.03 per common share (adjusted for the 2 per cent stock dividend); sales were \$96,264,802 including \$4,686,208 of sales of the eastern subsidiary sold in 1957.

ARMSTRONG CORK COMPANY

The establishment of three new district sales offices for the Building Products Division of the Armstrong Cork Company has been announced.

Effective January 1, 1959, sales operations in North and South Carolina and portions of Virginia and West Virginia will be directed from the Company's new Charlotte office. Similarly, a new Cincinnati office will assume responsibility for the state of Kentucky as well as portions of Indiana, Ohio and West Virginia presently assigned to the St. Louis District office.

A new Seattle office will be comprised of Oregon and Washington territories now operating out of San Francisco, and portions of Washington, Idaho, Wyoming, and all of Montana from the present Denver District office.

Andrew J. Armstrong, of the Cleveland District, was named Manager of the new Charlotte office. Mr. Armstrong joined the Company in 1951 as a college trainee.

Managing the Cincinnati office will be *Richard E. Shambo*, a member of the Company since 1946, and currently associated with the Armstrong Contracting and Supply Corporation, an Armstrong subsidiary.

Paul H. Hershey will be transferred from the San Francisco District to manage the new Seattle office. Mr. Hershey has had fifteen years of direct sales experience in the building products field, and since 1953, has been serving as an Architectural Specialist in the San Francisco Bay area.

J-M DUTCH BRAND DIVISION

Johns-Manville put its seventh new factory this year into production on November 12th at Chicago.

It is one of eight new plants in the company's current expansion program scheduled to be in operation during 1958, the company's 100th anniversary year.

The new plant, located in south Chicago, is operated by the Johns-Manville Dutch Brand Division. It is one of the projects of a quarter billion dollar growth program started soon after World War II and continued right through the business recession of 1957-58.

UNITED STATES RUBBER CO.

New Appointment

The appointment of *Alfred H. Jackson Jr.*, to the newly-created post of divisional manager, management engineering has been announced by the United States Rubber Co.

Mr. Jackson has been a member of the rubber company since 1936 when he left Alabama Polytechnic Institute. He first joined the company at its Hogansville mills, then moved to Shelbyville, Tenn. in 1946.

Prior to his new appointment, he was assistant plant manager at Shelbyville. He will maintain offices at the rubber company's Winnsboro, S. C. plant.



Exporters of
RAW ASBESTOS

ALL GRADES—ALL TYPES

C. J. PETROW & COMPANY (PTY.) LTD.

P. O. BOX 11000 — CABLE: SOTSEBSA

VOLKSKAS BLDG. — 76 MARKET STREET

JOHANNESBURG - SOUTH AFRICA

ASBESTOS TEXTILES

are manufactured in our own modern plant at Stark Mills, Hogansville, Ga. Spinning and weaving operations are closely controlled for maximum uniformity in asbestos yarns, fabrics and tapes. Specialties developed to meet customers' requirements.



Write: Asbeston* Dept., Textile Division

UNITED STATES RUBBER COMPANY

1230 Avenue of the Americas, New York 20, N. Y.



**CAPE ASBESTOS ACQUIRES
CONSOLIDATED BLUE ASBESTOS CORP.**

The Cape Asbestos Company Ltd. announce the acquisition of the whole of the share capital of Consolidated Blue Asbestos Corporation (Pty) Ltd., a company with blue asbestos mines in Cape Province, South Africa, between Kuruman and Postmasburg. This will not only provide Cape Asbestos with additional asbestos fibre but considerably strengthen their fibre reserves.

Cape Asbestos are the largest producers in the world of blue crocidolite asbestos. Through their subsidiary Cape Blue Mines (Pty) Ltd. they operate blue asbestos mines at Koegas and Westerberg besides the Orange River in Cape Province, at Pomfret on the border of Bechuanaland, and at Malips Drift in the Transvaal.

Cape Blue Asbestos is used for spinning and weaving into asbestos yarns, cloths and packings; as a filler in the rubber and plastic industries for products which are resistant to heat, acids and corrosion, such as battery boxes, and in the manufacture of asbestos-cement products.

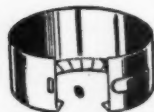
**JAUQUAYS MINING CORP.
TO ERECT NEW MILL**

The largest and most modern asbestos mill in Arizona is to be erected three miles east of Globe, Arizona. It will replace the present plant of the Jaquays Mining Corporation.

More capacity is urgently needed and a site was chosen in a less congested area where water, electricity, natural gas and rail service are available. The site has already been cleared for a building 80 by 160 feet which will serve as a warehouse as well as shelter the machinery.

Cruding section of the mill will be able to treat two tons of ore an hour, separating the asbestos from rock. The fiberizing section will be able to turn out 10 tons of high-grade asbestos fiber daily. Design is such that more units may be added.

Ore comes from the Regal mine, on the Apache Indian Reservation 40 miles northeast of Globe in Salt River Canyon.



PIPE COVERING PROTECTORS

*The "Royal" All Aluminum Adjustable
and Permanent Protector for Pipe
Covering-ends. Easy to Apply . . . Prompt Shipment.*

THE PROTECTOR CO. • GRANT WILSON, INC.
SO. BOSTON 27, MASS. CHICAGO 4, ILL.

Benefit with the **MOODY** **Fluffer**

the producer . . .

permits package uniformity, easy
pallet loading and storage saving
up to 1/3 in space — reduces shipping
costs domestic and overseas.

the processor . . .

simplifies storage in pallet form,
space, handles easily and
safely, permits accuracy of meas-
ures uniform condition, re-
duces costs of incoming freight.

Opens and condi-
tions all grades of
pressure-packed as-
bestos — fluffs, frees
from mats and lumps
up to 15 tons per
hour — compact,
takes only 5 hp. to
operate, fits into any
production line.
Write for details
and literature.



740 INSPECTOR STREET • MONTREAL, CANADA

MATTHEW

MOODY
ESTABLISHED 1945

& SONS LTD.

ASTM—COMMITTEE C-19 ON STRUCTURAL SANDWICH CONSTRUCTIONS

Sandwich construction being a comparatively new class of material, the question of durability and service life is of primary interest to the aircraft and building construction industries which are the principal users of this type of construction. ASTM Committee C-19 on Structural Sandwich Constructions is seeking information on durability and service life through participation in the ASTM test site program sponsored by the Society's Advisory Committee on Corrosion. At the Fall meeting of Committee C-19, held at The Martin Company plant, Baltimore, Md., October 21 and 22, it was announced that a third exposure program will be started in April 1959 using the ASTM test sites at Pennsylvania State University and Kure Beach, North Carolina. A report covering the first 3-year exposure program, for the period of April 1955 to April 1958, is being prepared for publication. The second program still underway covers the period of 1957-1960.

KEASBEY & MATTISON CO. Change in San Francisco Office

John L. Prechek has been named assistant manager of Keasbey & Mattison Company's San Francisco District.

Mr. Prechek joined K & M in 1955 as a salesman in its Asbestos-Cement Pipe Division. Prior to joining the company, he played tackle with the Toronto Argonauts of the Canadian Football League.

THOMAS S. HOLDEN PASSES AWAY

Thomas Steele Holden, vice chairman and former president of the F. W. Dodge Corporation, construction news and marketing specialists, died suddenly on November 3.

Mr. Holden, an expert on business conditions, particularly in the building industry, was president from 1935 to 1940 of the New York Building Congress, Inc. He often was quoted on matters pertaining to construction, on which he had written widely for newspapers, magazines and other media.

CABLE ADDRESS: METABEST

METATE ASBESTOS CORPORATION

Producers of

ARIZONA CHRYSOTILE CRUDES

and

FILTRATION FIBRE

Mines & Mill:
SAN CARLOS
INDIAN RESERVATION
GILA COUNTY, ARIZONA

P.O. BOX 111
GLOBE, ARIZONA

BELL ASBESTOS MINES LTD.

THETFORD MINES, QUE.

CANADA



***Producers of
Raw Asbestos Crudes
& Fibres***



Sales Representatives

for

Cassiar Asbestos Corporation Limited

AUTOMOBILE SALES

September 1956

Passenger Cars	120,687
Motor Trucks	46,358
Motor Coaches	216

149,261

In September 1957, a total of 381, 653 motor vehicles were sold. In the nine months of 1958 the total was 3,478,428.

These figures were supplied by the Automobile Manufacturers Association, New Center Building, Detroit, Michigan.



International Asbestos Cement Review
An architectural quarterly devoted to the
promotion of asbestos-cement, published
in English, French and German editions
Circulation exceeding 44 000
Editions Girsberger, 40 Kirchgasse,
Zurich, Switzerland
(U. S. agents: Wittenborn & Co.
38 East 57th Street, New York 22)

CHARLES GOUZEE et Cie

94 rue Saint Lazare

Paris 9^e

Importers-exporters of raw Asbestos since 1935

Antony Gibbs & Co., Inc.

61 Broadway
New York 6, New York
Tel. Digby 4-6580



View of Boss Mines, Mashaba

ASBESTOS FIBRES

Chrysotiles, Blues, Amosites

Agent in the United States for

S. A. ASBESTOS TRADING (PTY.) LTD.

The introduction of a new styling series in Armstrong Cork Company's line of Excelon Tile, making metallic effects available for the first time in this low-cost vinyl-asbestos flooring, has been announced.

Gleaming golden accents highlight the four patterns in a straightgrain design and four Spatter patterns making their debut as the Metallic Series in Excelon Tile.

The metallic gold accents offer the same high resistance to wear, soiling, indentation, and scratching as the composition of the composition of the Excelon Tile itself.

The Railroad Products Division of American Brake Shoe Company has just published an 8-page, 2-color brochure on trackwork designed for mines, mills, and other industries which maintain in-plant rail trackage. The booklet illustrates and lists specifications for turnouts, frogs, guard rails, switch stands, crossings, etc. Also included is a section on ordering. Write Department A, American Brake Shoe Company, 530 Fifth Avenue, New York 36, N. Y.

A new four-page folder, in full color is being offered by Keasbey & Mattison Company, Ambler, Pa., illustrating the various building products of asbestos-cement offered by that firm.

Roofing and siding shingles, corrugated, flat sheets as well as K&M's decorative panels, are detailed with information about color, dimensions and other specifications.

Specifications of K&M building sewer pipe are also included in this new folder which may be obtained from the manufacturer by asking for folder 8-C.

UNION ASBESTOS & RUBBER CO. **Nine Months Report**

The Union Asbestos & Rubber Company showed a net loss of \$112,275 for the first nine months of 1958, compared with a profit of \$572,888 for the same period last year.

Sales for the nine months period amounted to \$6,784,279, compared with \$9,916,993 for the same period last year.

Now in Operation: New Independent Source of Asbestos. Lake Asbestos of Quebec, Ltd. will supply 100,000 tons of high-quality chrysotile asbestos fibre annually. If you need a new dependable source for high grade asbestos, write to Lake Asbestos of Quebec, Ltd., 120 Broadway, N.Y. 5, N.Y.

North American Sales Agents:

Baker & Collinson
Detroit 12
Michigan

E. M. Walls Company
San Francisco 11
California

A. C. Mueller Co., Inc.
Cleveland 14, Ohio

Van Horn, Metz & Co., Inc.
Conshohocken
Pennsylvania

E. B. Taylor Company
Los Angeles 13
California

D. H. Litter Co., Inc.
New York and Allston,
(Boston) Mass.

Federated Metals
Houston 29
Texas

LAKE ASBESTOS OF QUEBEC, LTD.
a subsidiary of American Smelting and Refining Company



NEW R-M WAREHOUSE

Raybestos-Manhattan, Inc. announces the moving of its San Francisco district warehouse and offices from 131 Mission Street to new and larger quarters at 168 Beacon Street, South San Francisco, Calif.

The larger facilities were needed to provide better service for customers of the several Divisions now represented there. These Divisions are: Manhattan Rubber Division, Raybestos Division, Packing Division, Asbestos Textile Division, Plastic Products Division.

CURRENT RANGE OF PRICE

As of December 10, 1958

ARIZONA—	Per Ton of 2,000 lbs., f.o.b. Globe, Arizona
No. 1 Crude (soft).....	\$1,500.00 to \$2,000.00
No. 2 Crude (soft).....	1,000.00 to 1,350.00
No. 3 Crude (soft).....	400.00 to 675.00
Filter Fibre (soft).....	250.00 to 475.00
No. 1 Crude (semi-soft).....	1,200.00 to 1,500.00
No. 2 Crude (semi-soft).....	900.00
No. 3 Crude (semi-soft).....	400.00

CANADA—	Per Ton 2,000 lbs. f.o.b. Mine Canadian Currency
Group No. 1 (Crude No. 1).....	\$1,475.00 to \$1,850.00
Group No. 2 (Crude No. 2); Crude Run-of-Mine and Sundry	790.00 to 1,200.00
Group No. 3 (Spinning Fibre).....	370.00 to 650.00
Group No. 4 (Shingle Fibre)	180.00 to 245.00
Group No. 5 (Paper)	120.00 to 150.00
Group No. 6 (Waste, Stucco or Plaster)...	86.00
Group No. 7 (Refuse or Shorts)	40.00 to 80.00

VERMONT—Per ton of 2000 lbs. f.o.b. Hyde Park or Morrisville, Vt.

Group No. 3 (Spinning & Filitering)	\$ 370.00 to \$ 428.00
Group No. 4 (Shingle Fibre)	181.00 to 200.00
Group No. 5 (Paper Fibre)	120.00 to 152.00
Group No. 6 (Waste, Stucco or Plaster)	86.00
Group No. 7 (Refuse or Shorts)	41.00 to 75.00

MOUNTBRIDGE EXPORTERS

(Pty) Ltd.

Chrysotiles

Crocidolites

Amosite

STOLTZBURG MINE

BARBERTON MINE

**Transreef House—86 Marshall Street
P. O. Box 4421
Johannesburg — Union of South Africa**

CAREY'S NINE MONTHS REPORT

Report for the nine months, ending September 30, 1958 has been issued by The Philip Carey Mfg. Company and gives the following figures:

Sales	\$49,426,311
Compared with same period in 1957	52,693,573
Net earnings after income taxes	1,261,729
Compared with same period in 1957	2,131,651
Earnings per common share	1.48
Compared with same period in 1957	2.51

ASBESTOS STOCK QUOTATIONS

(These figures are compiled from the Commercial & Financial Chronicle. No guarantee as to their correctness.)

November 1958

	Par	Low	High	Last
Amer. Br. Shoe (Com)	np	41%	44½	44½
Armst. Ck. (Com)	1	32%	35%	34%
Armst. Ck. (Pfd)	np	82	85	85
Asbestos Corp. (Com)	np	33	36	35%
Carey (Com)	10	34%	39½	37%
Cassiar Asb. Corp.	np	\$8.25	\$9.70	\$9.05
Celotex (Com)	1	31	35%	35%
Celotex (Pfd)	20	17½	18%	18%
Certainteed (Com)	1	12½	13%	17%
Fibreboard Paper Prod. (Com)	np	39½	45	44½
Fibreboard Paper Prod. (Pfd)	100	135	150	145
Flintkote (Com)	5	50¼	59%	56%
Flintkote (Pfd)	np	88	90	88½
Johns-Manville (Com)	5	46	51%	50
Natl. Gypsum (Com)	1	54	58%	57%
Natl. Gypsum (Pfd)	np	94	97	95
Ray-Man (Com)	1	55¼	58½	56
Ruberoid (Com)	1	37%	40%	40
Thermoid (Com)	1	13¼	14	13%
Union Asb. & Rub. (Com)	5	8%	9%	9%
United Asb. (Com)	1	\$6.75	\$7.50	\$7.45
U.S. Gypsum (Com)	4	88	99	95½
U.S. Gypsum (Pfd)	100	155	158	158
U.S. Rubber (Com)	5	42½	48%	45%
U.S. Rubber (Pfd)	100	142½	150	147%

RAW ASBESTOS DISTRIBUTORS

L I M I T E D

FOR CANADIAN, RHODESIAN
AND SOUTH AFRICAN ASBESTOS

ASBESTOS HOUSE • 77-79 FOUNTAIN ST. • MANCHESTER 2
E N G L A N D

PATENTS

Abstracts of U. S. Patents on Asbestos and Asbestos Products by Oliver S. North.

Copies of patents can be obtained by sending 25 cents (in coin) to The Commissioner of Patents, Washington 25, D. C., giving patent, date it was issued, name of patentee and name of invention.

Method of Manufacturing Fibre-Cement Sheets, No. 2,859,484. Granted on November 11, 1958 to C. V. French and E. R. Ihne (assignors to Johns-Manville Corp., New York City). Method of manufacturing sheets of asbestos fiber and portland cement which will result in an increase in strength and flexibility, and hence impact resistance, of such sheets. Sheets manufactured in accordance with this invention may contain relatively high proportions of fiber and can be cured normally and provided with a smooth or granulated surface. An intimate mixture of fiber, cement, and water in aerial suspension is formed into a web on a felting member, and the web compressed and densified in several stages at successively increasing pressures.

The tenth year of the Plant Maintenance & Engineering Conference, one of the best-attended engineering conferences held anywhere in the country, will feature speakers from 19 states, the District of Columbia and two Canadian provinces. The broad geographical distribution will be matched by the diversity of industries from which the speakers are drawn.

The conference will take place during the first three days of the Plant Maintenance & Engineering Show at the Public Auditorium, Cleveland, Ohio, Jan. 26-29. The show is one of the three largest annual industrial expositions.





Drastic reduction of heat loss with
PABCO PRECISION-MOLDED CALTEMP
 a Calcium Silicate Insulation

When vapors or liquids are conveyed or held at temperatures up to 1900° F.—when equipment is operated to high heat levels—

Pabco insulations cut heat losses to absolute minimums.

"Precision-Molded" by a patented process, Pabco's Caltemp and 85% Magnesia pipe and block insulations control temperatures within close tolerances. For data on technical advantages, case histories, or engineering consultation, write . . . or call a Pabco insulation engineer.

PABCO

INDUSTRIAL INSULATIONS DIVISION

Fibreboard Paper Products Corporation
 San Francisco 19 • Chicago 54
 Houston 4 • New York 16 • Los Angeles

INSULATION GUIDE

Temperature	Recommended Pabco Insulation
to 550° F.	85% Magnesia pipe covering • block • cement
to 1200° F.	Caltemp pipe covering • block • cement
to 1500° F.	Prasco 15 C pipe covering • block • cement
to 1900° F.	Prasco 19 C block

TOPICAL INDEX

ASBESTOS—For the Year 1958

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- Aug. 1958—26 New K & M Sewer Pipe Fittings Simplify
Sewer Installations
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- Oct. 1958—64 Running Trap with Hand Hole
Double "WYE"

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- Nov. 1958—18 Crocidolite Development

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- Oct. 1958—31 Historical Facts on the Asbestos Industry
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- Mar. 1958— 2 Johns-Manville Corporation Celebrates Its
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85th Anniversary
- Aug. 1958—18 Deutsche Asbestwerke Georgi & Co.,
Celebrates Its 75th Anniversary



We take raw asbestos and fashion it to the needs of a thousand and one different consumers. Closely controlled through all stages of manufacture, asbestos is converted into Fibre, Yarns, Tapes, Cloths, Rovings, Tubing and Webbing widely used for heat and electrical insulation. It is also fabricated into many different kinds of friction materials, including the world-famous Mintex brake and clutch linings.

**BRITISH BELTING
& ASBESTOS LTD.**

Cleckheaton, Yorkshire, England



Insulation

- | | | |
|------|---------|--|
| Jan. | 1958—22 | Symposium on Thermal Conductivity Measurements & Applications of Thermal Insulations |
| Feb. | 1958—12 | "ASBESTOLUX" — Fireproof Insulation Board |
| Apr. | 1958—18 | Canadian Specifications (Thermal Insulation) |
-

A new type of flexible air duct, made possible by the combination of a special, aluminized asbestos cloth and steel spirals, has become the first of its kind to meet the rigid specifications of the Chicago building code, enabling builders and contractors to install high and low-velocity air conditioning systems with important savings in time, labor and money.

The new duct is composed of two elements — fabric and metal. The fabric, Asbeston, a product of the textile division of the United States Rubber Co., is flame-resistant, underwriters' grade asbestos cloth (at least 80 per cent asbestos fibres), protected by laminated polyester-reinforced aluminum foil that serves as a moisture and vapor barrier. The metal is electro-galvanized steel spiral.

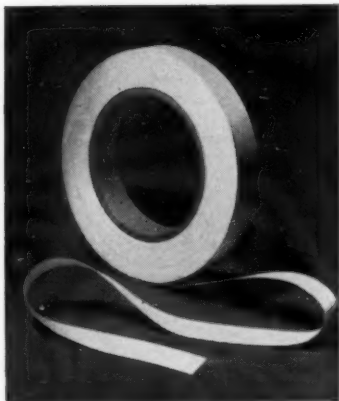
The fifteenth annual Convention and Exposition of the National Association of Home Builders to be held in Chicago 18 to 22 is expected to attract the largest attendance in recent years, according to Daniel B. Grady, chairman of the 1959 Convention and Exposition Committee.

At the close of the year we are looking back upon the pleasurable occasions which presented the opportunity to serve you. We appreciate this friendship via our business contacts and trust that a mutuality merits its continuance.

In 1959 let us build this foundation of confidence and have a structure of co-operation in which all of us may live happily and prosper.

"ASBESTOS" Staff

**NEW R/M
SILICONE
RUBBER
NOVABESTOS®**



TAPES withstand shock, vibration, heat
oil and moisture—yet cost less

You will get better insulation at a lower cost, using the new silicone rubber coated Novabestos sheets and tapes just announced by R/M.

These new products resist severe flame exposure, dry baking and abuse—at a unit area cost from 15 to 30% lower than for ordinary materials.

Write today for complete test reports and details

RAYBESTOS-MANHATTAN, INC.

ASBESTOS TEXTILE DIVISION, Manheim, Pa.



FACTORIES: Manheim, Pa.; Bridgeport, Conn.; Paramount, Calif.; No. Charleston, S.C.; Passaic, N.J.; Neenah, Wis.; Crawfordsville, Ind.; Peterborough, Ontario, Canada.

RAYBESTOS-MANHATTAN, INC., Asbestos Textiles • Laundry Pads and Covers • Engineered Plastics • Mechanical Packings • Abrasive and Diamond Wheels • Brake Linings • Brake Blocks • Clutch Facings • Industrial Rubber • Rubber Covered Equipment • Sintered Metal Products • Industrial Adhesives • Bowling Balls

SOUTHERN ASBESTOS — TEXTILES



SOUTHERN ASBESTOS COMPANY, CHARLOTTE 1, N. C.

